

Educating hearts and minds"

## **HOLY CROSS COLLEGE**

ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)
Tripura University Reg. Code: 17

Jubatara, P.O. Lembucherra, Tripura West Pin-799210 Phone: 0381-2915930, +91 9402315672

email- principalhccagt@gmail.com

Web: www.holycrosscollege.in

#### DEPARTMENT OF HUMAN PHYSIOLOGY

No. F.7/HCC/HP/2023/01

Date: 06.04,2023

#### **Notice**

In continuation of the earlier notification dated 21.09.2022, this is further to notify all the Faculty members and students of 3<sup>rd</sup> Year (Hons.) of the Department that the following **Research Project Guide** were assigned **for the Students'** (AY 2022-23). The students are instructed to contact with the respective guide for further details. Guides are requested to initiate the project following TU notification F.TU/DIR.CDC/UGBOS/40/2014 (Vol-II), Date: 22.02.2017 and ensure the **project submission** by their respective students within 2<sup>nd</sup> week of July positively.

Name of Guide	Name of students	
Dr. Susmita Saha	Ishani Ganguly	
	Subhankari Bhattcharjee	
	Anusuya Deb	
	Abantika Chakraborty	
	Sanjyukta Datta	
	Srija Debbarma	
Ms. Jahnabi Saha	Sourita Podder	
	Baishali Chowdhury	
	Utsarita Bhattcharjee	
	Rimi Singha	
Dr. Ashish Kr. Singha	Mousumi Datta	
	Rupam Deb	
	Camelia Das	
	Satabdi Das	
	Jyotisree Chakraborty	
Dr. Sandeep Roy Sarkar	Snigdha Ghosh	
	Raya Chakraborty	
	Samarpan Das	
	Rohit Debbarma	
	Pritam Saha	
	Doulat Bhowmik	

HoD, Human Physiology

Department of Human Physiology, HOLY CROSS COLLEGE, AGARTALA

# Project détails [PRJ), 6H, Apr. 2023

Name of	Name g student	Project title assigned by the guide
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	Date.	
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	Snigdha byhoch	Why Polycystic Ovanian syndrome isn't well understood?
Roy Sankar	24/04/23	well underedood
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Dr. Sundeep	Doulat Bhownik	What is the difference between in blood
Roy Sankan	24/04/23	Priessure between athletes & non-athletes?
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The state of	a boald	vitamins,
Jahnabi	Kimi Singha	What are the offects of micronutrical
Saha	01/05/2023	What are the objects of micronutrices on chromium toxicity?
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Jahnahi	Sourita Poddin	Ohat are the effects of Allium satirum on Diabetes mellitus ?
Saha	01/05/2023	on Diabetes mellitur 02
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Jahnabi	Baishali Choudhusi	Wellilan? (cerumin on Diabela
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Jahnabi	Disarita Bhatlachar	elwhat are the effects of vitamine on chromium
Saha	01/05/2023	educate and the effects of vitamine on chnomian
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D. C. J. J.	Abantila Chakasboty	How does Mangifexa indica peel extractions?
C-1	1/5/2023	posses andimicxobial properties?
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N. C	Adami (Tongulu	How does leptin Unked with Sudden Weight loss after Covid-19 necovery?
Dr. Susmita	Oshani Ganguly 01/05/2023	Weight loss after Cond-19 necovery?
Saha	01/05/2025	Al to get to the last
SANGER TO A STATE OF THE STATE	1 10 Saltarma	How malickonal Status of an carelderly
Dr. Susmita Saha	Skija Debbarma 01/05/2023	How nuticitional status of an earelderly person above the age of 30 effect the BMI?
Saha	01/05/2025	
		dell methodo aldola C
dre Sucmita	1/05/2013	How does dood pattern alters BMS of age group of below 19 years 2
Caha	01/05/2013	BMI of age group of below

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Name of	Name of student	· Project little assigned by the guide
Guide	Signaluse	O V
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Du Cuemela seala	09. bhan Kay!	How does leaf Extract of Embelica Officinalis
Dn. Susmila Jaha	•	acts as antimicrobial agent?
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	16/05/23.	la la la comia do la
Dr. Jusmita Jaho	Songjukta Datta	riow does city alteration and
	16/05/2023	With physiological A clinical Studies
	materia successibilit	with physiological alteration and metabolic distortion: A clinical Study
	on 2 intellance	
Dr. Sandey Roy	Rohit Debbarno	what is the necessary of
Dr. Sandey Roy Sarkar	16-05-2023	ulhat is the necessity of measuring blood pressure?
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Dr. Sandeep	Samooyan Dus 16-05/2023	35 centrica asiatica nating
Dr. Sandeep Rry Sarkar	16-05/2023	Is Centella asiatica having any continuersbial compounds?
Vashish Kumar	Rigaron Deb.	Of a queous leaf entract of Peepal (Bicus religiosa)?
Singka	16-05-2023	of a greous leaf entract of
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Ashish kumax	Mousni Qotta	How Jackfruit Loaves Extract Shows the
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Singha	16-5-2023	phytocheni Cal profile in Reference
		with Latiniacobial Property?
Dr. Sandeep Roy	Rayan Chakxahart	No Maxill Of ind P
	16.05.2023	Total and Dellera have proper
SWUNN	10.05. 2023	Do Moringa Oleifera have peroper autibacterial action ?
Dr. Ashish Kumar		How Conchonus Olitonius Shows
Singha		balana and and and and and and and and and
Christian	1000000	biological activities? What are the biological
Ør. Ashish Kuma	Cameli Da	Properties of the leaf extract of Corchony Olitorius
		of Hupura Billenea Indica
Singha	10.03.7073	A Hant of Trupura Silenea Indica does it have any biological
		property!
	The High state of	What kind of biological activities
	4 1 2 1	exhibited by the had extract of pillenia?
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Name of student Project title assigned by the guide Name of Signature Guide What is the status of Depression, Anxiety and Strees among the college-going students Dx. Ashish Typotishaee Chakaabaah 16/05/2023 Kuman Singha en Toupwear? Prifam Saha What is the prevalence of Obesity Dr. Sandeep and spirometric ventilatory status 16/05/2023 Roy Sarkar among individuals aged 18-23 years?

# How Does Chronic Hyperglycemia Deals With Physiological Alteration And Metabolic Distortion: A Clinical Study?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



05/04/2003

**SUBMITTED TO-**

Department of Human Physiology Holy Cross College, Agartala

S

SUBMITTED BY-

SONGJUKTA DATTA

906.01.25

B.Sc. TDPH 6<sup>th</sup> Semester Examination- 2023 Candidate's Roll No.- 2015000894

Candidate's Registration No.- 001300 Year- 2020



ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)

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#### DEPARTMENT OF HUMAN PHYSIOLOGY

Certificate from the Supervisor

This is to certify that the project entitled "How does chronic hyperglycemia deals with physiological alteration and metabolic distortion: a clinical study", submitted by Miss. Songjukta Datta, 6th Semester Student of Department of Human Physiology, Holy Cross College, Agartala, India, is absolutely based upon her own work under my supervision and satisfaction in accordance with the approved plan of work for the partial fulfillment of the requirement for the award of Degree of Bachelor of Science in Human Physiology in the academic year 2022-2023. I wish her every success in future endeavor.

Date: 27/06/2023 Place: Agantala Dr. Susmita Saha
(Project Guide)
Assistant Professor
Department of Human Physiology
Holy Cross College

7/06/2023

# WHAT ARE THE ANTIBACTERIAL EFFECTS OF AQUEOUS LEAF EXTRACT OF PEEPAL TREE?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology

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Submitted to-Department of Human Physiology Holy Cross College, Agartala

**Submitted by-RUPAM DEB** 

B.Sc. TDPH 6<sup>th</sup> Semester Examination- 2023-2024

Candidate's Roll No.- 2015000929

Candidate's Registration No.-001033

Year- 2020



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# Certificate from the Guide

This is to certify that the Project entitled "what are the antibacterial effects of aqueous leaf extract of peepal tree?", submitted by Mr. Rupam Deb, student of 6<sup>th</sup> Semester Human Physiology (Hons.) from Holy Cross College, Agartala, is absolutely based upon his own work under my supervision and satisfaction in accordance with the plan of work. It has not been submitted for any other degree/diploma, as per my knowledge and proper references has been mentioned. All the rules and regulations laid down by Tripura University notification F.TU/DIR.CDC/UGBOS/40/2014 (Vol-II), Date: 22.02.2017 for the fulfilment or requirement for the degree had been followed by him.

Date: 27/06/2023

Place: Agarctala.

Dr. Ashish Kumar Singha Asst. Professor & Project Guide Department of Human Physiology Holy Cross College, Agartala

Jshish 14. Singha

# WHAT ARE THE EFFECTS OF MICRONUTRIENTS ON CHROMIUM TOXICITY?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



\$

**SUBMITTED TO -**

Department of Human Physiology Holy Cross College, Agartala

0601

SUBMITTED BY-

**UTSARITA BHATTACHARJEE** 

B.Sc. TDPH 6<sup>th</sup> Semester Examination- 2023

Candidate's Roll No.- 2015000903

Candidate's Registration No.- 001434 Year- 2020



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# DEPARTMENT OF HUMAN PHYSIOLOGY

#### Certificate from the Guide

This is to certify that the Project entitled "What are the effects of micronutrients on Chromium toxicity", submitted by Miss Utsarita Bhattacharjee, a student of 6th Semester Human Physiology (Hons.) from Holy Cross College, Agartala, is absolutely based upon her own review work under my supervision and satisfaction in accordance with the plan of work. It has not been submitted for any other degree/diploma, as per my knowledge and proper references has been mentioned. All the rules and regulations laid down by Tripura University notification F.TU/DIR.CDC/UGBOS/40/2014 (Vol-II), Date: 22.02.2017. It is for the partial fulfillment of the requirement for the award of Degree of Bachelor of science in Human Physiology in the academic year 2022-2023.

Date: 27-06-2023.

Place: Agartala, Tripura.

Mrs. Jahnabi Saha
(Project Guide)
Assistant Professor

Assistant Professor
Department of Human Physiology
Holy Cross College, Agartala.

# How does *Mangifera indica* peel extract possess antimicrobial properties?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



**SUBMITTED TO -**

Department of Human Physiology Holy Cross College, Agartala

SUBMITTED BY-

ABANTIKA CHAKRABORTY

B.Sc. TDPH 6<sup>th</sup> Semester Examination- 2023
Candidate's Roll No.- 2015000859

Candidate's Registration No.- 001385 Year- 2020

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Shorter





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#### DEPARTMENT OF HUMAN PHYSIOLOGY

Certificate from the Supervisor

This is to certify that the project entitled "How does Mangifera Indica peel extract possess antimicrobial properties", submitted by Miss. Abantika Chakraborty, 6th Semester Student of Department of Human Physiology, Holy Cross College, Agartala, India, is absolutely based upon her own work under my supervision and satisfaction in accordance with the approved plan of work for the partial fulfillment of the requirement for the award of Degree of Bachelor of Science in Human Physiology in the academic year 2022-2023. I wish her every success in future endeavor.

Date: 27/6/2023
Place: Agardolo

Dr. Susmita Šaha
(Project Guide)
Assistant Professor
Department of Human Physiology
Holy Cross College

# How Does Leptin Linked with Sudden Weight Loss After Covid-19 Recovery?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



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**SUBMITTED TO-**

Department of Human Physiology Holy Cross College, Agartala



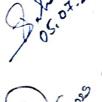
SUBMITTED BY-

**ISHANI GANGULY** 

B.Sc. TDPH 6th Semester Examination- 2023

Candidate's Roll No.- 2015000868

Candidate's Registration No.- 000343 Year- 2020





ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)

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### DEPARTMENT OF HUMAN PHYSIOLOGY

Certificate from the Supervisor

This is to certify that the project entitled "How does Leptin linked with sudden weight loss after Covid-19 recovery", submitted by Miss. Ishani Ganguly, 6th Semester Student of Department of Human Physiology, Holy Cross College, Agartala, India, is absolutely based upon her own review work under my supervision and satisfaction in accordance with the approved plan of work for the partial fulfillment of the requirement for the award of Degree of Bachelor of Science in Human Physiology in the academic year 2022-2023. I wish her every success in future endeavor.

Date: 27/06/2023
Place: Agarctala.

Dr. Susmita Saha (Project Guide) Assistant Professor Department of Human Physiology Holy Cross College

# What kind of biological property exhibited by the leaf extract of Dillenia indica?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



**SUBMITTED TO -**

Department of Human Physiology Holy Cross College, Agartala

SUBMITTED BY-

Camelia Das

B.Sc. TDPH 6<sup>th</sup> Semester Examination- 2023 Candidate's Roll No.- 2015000865 Candidate's Registration No.- 001468 Year- 2020



ACCREDITED BY NAAC WITH 'A+' GRADE [CYCLE:2]

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Certificate from the Guide

This is to certify that the Project entitled "What kind of biological property exhibited by the leaf extract of Dillenia indica?", submitted by Miss Camelia Das, student of 6th Semester Human Physiology (Hons.) from Holy Cross College, Agartala, is absolutely based upon her own work under my supervision and satisfaction in accordance with the plan of work. It has not been submitted for any other degree/diploma, as per my knowledge and proper references has been mentioned. All the rules and regulations laid down by Tripura University notification F.TU/DIR.CDC/UGBOS/40/2014 (Vol-II), Date: 22.02.2017 for the fulfilment or requirement for the degree had been followed by her.

Date: 28/06/23
Place: Agantala

Dr. Ashish Kumar Singha Asst. Professor & Project Guide Department of Human Physiology Holy Cross College, Agartala

Ashir H. Soule.

# What is the Status of Depression, Anxiety and Stress among the College-going Students in Tripura?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



**SUBMITTED TO-**

Department of Human Physiology Holy Cross College, Agartala

SUBMITTED BY-

JYOTISHREE CHAKRABORTY

B.Sc. TDPH 6th Semester Examination-2023

Candidate's Roll No.- 2015000871

Candidate's Registration No.- 004169 Year- 2020



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# Certificate from the Guide

This is to certify that the Project entitled "What is the status of depression, anxiety and stress among the college-going students in Tripura?", submitted by Miss Jyotishree Chakraborty, student of 6th Semester Human Physiology (Hons.) from Holy Cross College, Agartala, is absolutely based upon her own work under my supervision and satisfaction in accordance with the plan of work. It has not been submitted for any other degree/diploma, as per my knowledge and proper references has been mentioned. All the rules and regulations laid down by Tripura University notification F.TU/DIR.CDC/UGBOS/40/2014 (Vol-II), Date: 22.02.2017 for the fulfilment or requirement for the degree had been followed by her.

Date: Agartale. Place: 27.06.23

Dr. Ashish Kumar Singha Asst. Professor & Project Guide Department of Human Physiology Holy Cross College, Agartala

# WHAT ARE THE EFFECTS OF CURCUMIN ON DIABETES MELLITUS?

Project work for 6th Semester B.Sc. Human Physiology (Hons.)

In partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Human Physiology



SUBMITTED TO-

Department of Human Physiology Holy Cross College, Agartala 05/02/2013 NOS/02/2013

SUBMITTED BY-

Baishali Choudhuri

B.Sc. TDPH 6<sup>Th</sup> Semester Examination-2023.

Candidate's Roll – 2015000863

Candidate's Registration. No. 000187, Year. 2020.



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### DEPARTMENT OF HUMAN PHYSIOLOGY

#### Certificate from the Guide

This is to certify that the Project entitled "What are the effects of Curcumin on Diabetes Mellitus", submitted by Miss Baishali Choudhuri, a student of 6th Semester Human Physiology (Hons.) from Holy Cross College, Agartala, is absolutely based upon her own review work under my supervision and satisfaction in accordance with the plan of work. It has not been submitted for any other degree/diploma, as per my knowledge and proper references has been mentioned. All the rules and regulations laid down by Tripura University notification F.TU/DIR.CDC/UGBOS/40/2014 (Vol-II), Date: 22.02.2017. It is for the partial fulfillment of the requirement for the award of Degree of Bachelor of science in Human Physiology in the academic year 2022-2023.

Date: 27-06-2023

Place: Agartala, Tripura

Mrs. Jahnabi Saha

(Project Guide)
Assistant Professor
Department of Human Physiology
Holy Cross College, Agartala.



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### DEPARTMENT OF HUMAN PHYSIOLOGY

6<sup>th</sup> Semester (Honours) Project Titles (Paper-PRJ) Batch: 2020-2023 (Academic year 2022-23)

Sl. No.	Name of the Guide	Name of Students	Title of the Project
1	Dr. Susmita Saha	Abantika Chakraborty	How does <i>Mangifera indica</i> peel extract processes antimicrobial properties?
2	Dr. Susmita Saha	Anusuya Deb	How does food pattern alters BMI of age group of 14 years?
3	Ms. Jahnabi Saha	Baishali Choudhuri	What are the effects of curcumin on diabetes mellitus?
4	Dr. Ashish K. Singha	Camelia Das	What kind of biological activities exhibited by the leaf extract of <i>Dillenia indica</i> ?
5	Dr. Susmita Saha	Ishani Ganguly	How does leptin linked with sudden weight loss after Covid-19 recovery?
6	Dr. Ashish K. Singha	Jyotishree Chakraborty	What is the status of depression, anxiety and stress among the College going students in Tripura?
7	Dr. Ashish K. Singha	Mousumi Datta	How jackfruit leaves extract shows the phytochemical profile in reference with antimicrobial property?
8	Dr. Sandeep Roy Sarkar	Raya Chakraborty	Do <i>Moringa oleifera</i> have proper antibacterial action?
9	Ms. Jahnabi Saha	Rimi Singha	What are the vitamins on chromium toxicity?
10	Dr. Ashish K. Singha	Satabdi Das	What are the biological properties of the leaf extract of Corchorus olitorius?
11	Dr. Sandeep Roy Sarkar	Snigdha Ghosh	Why polycystic ovarian syndrome isn't well understood?

12	Dr. Susmita Saha	Songjukta Datta	How does chronic hyperglycaemia deals with physiological alteration and metabolic distortion: A clinical study?
13	Ms. Jahnabi Saha	Sourita Podder	What are the effects of Allium sativum on diabetes mellitus?
14	Dr. Susmita Saha	Srija Debbarma	How does nutritional status upon of an elderly person above the age of 30 affect the BMI?
15	Dr. Susmita Saha	Subhankari Bhattacharjee	How does leaf extract of <i>Embleica</i> officinalis acts as antimicrobial agent?
16	Ms. Jahnabi Saha	Utsarita Bhattacharjee	What are the effects of micronutrients on chromium toxicity?
17	Dr. Sandeep Roy Sarkar	Doulat Bhowmik	What is the difference in blood pressure between athletes and non-athletes?
18	Dr. Sandeep Roy Sarkar	Pritam Saha	What is the prevalence of obesity and spirometric ventilatory status among individuals aged 18-23 years?
19	Dr. Sandeep Roy Sarkar	Rohit Debbarma	What is the necessity of measuring blood pressure?
20	Dr. Ashish K. Singha	Rupam Deb	What are the antimicrobial effects of aqueous leaf extract of peepal (Ficus religiosa)?
21	Dr. Sandeep Roy Sarkar	Samarpan Das	Is Centella asiatica having any antimicrobial compounds?

O3 08 2023 HoD, Human Physiology

Department of Human Physiology, HOLY CROSS COLLEGE, AGARTALA